

INTERNATIONAL SEARCH REPORT

PCT/IB 03/00448

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M39/28 F16K7/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 012 342 A (BLIGHT DAVID D ET AL) 11 January 2000 (2000-01-11) column 1, line 7 - line 38 column 2, line 53 - line 58 column 6, line 52 - column 8, line 18	1-4, 8-10, 14-18, 22-25, 27-31, 36-41
Y	DE 199 00 320 C (FRESENIUS MEDICAL CARE DE GMBH) 6 July 2000 (2000-07-06) column 1, line 65 - column 2, line 65 column 4, line 2 - column 5, line 8 claims 5,10,12	32-35
X	DE 199 00 320 C (FRESENIUS MEDICAL CARE DE GMBH) 6 July 2000 (2000-07-06) column 1, line 65 - column 2, line 65 column 4, line 2 - column 5, line 8 claims 5,10,12	1-4,9, 15-18, 22,23, 27-29, 36-41
Y		32

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

15 May 2003

Date of mailing of the international search report

26/05/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 379 290 A (KECZELY LAJIS) 1 September 1978 (1978-09-01) page 1, line 12 - line 15; figures 3-5 ---	33-35
A	WO 90 07353 A (MEDICAL INVENTORS CORP) 12 July 1990 (1990-07-12) page 3, line 24 -page 4, line 27 page 6, line 14 -page 8, line 36 ---	1-41
A	EP 1 132 108 A (LEVITRONIX LLC) 12 September 2001 (2001-09-12) paragraph '0031! - paragraph '0036! -----	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00448

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US 6012342	A	11-01-2000	AU	1945099 A	19-07-1999
			WO	9933514 A1	08-07-1999
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FR 2379290	A	01-09-1978	FR	2379290 A1	01-09-1978
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			US	2001019117 A1	06-09-2001